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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
10/614,349 07/08/2003		Oleg Morenko	2993-491US PJF/rl	7842	
32292 7	590 02/08/2005		EXAMINER		
OGILVY RENAULT (PWC) 1981 MCGILL COLLEGE AVENUE			CASAREGOLA, LOUIS J		
SUITE 1600			ART UNIT	PAPER NUMBER	
MONTREAL, QC H3A 2Y3			3746		
CANADA			DATE MAILED: 02/08/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

		Applicatio	n No	Applicant(s)				
Office Action Summary		10/614,34	<i>3</i>	MORENKO, OLEG				
		Examiner		Art Unit				
		Louis J. Ca		3746				
Period fo	The MAILING DATE of this communicati or Reply	on appears on the	cover sneet with the c	orrespondence addres	SS			
THE I - Exter after - If the - If NO - Failu Any r	ORTENED STATUTORY PERIOD FOR MAILING DATE OF THIS COMMUNICAT nsions of time may be available under the provisions of 37 SIX (6) MONTHS from the mailing date of this communicate period for reply specified above is less than thirty (30) day to period for reply is specified above, the maximum statutor reto reply within the set or extended period for reply will, by the period by the Office later than three months after the patent term adjustment. See 37 CFR 1.704(b).	TION.  CFR 1.136(a). In no evention.  ys, a reply within the statu y period will apply and will by statute, cause the appli	nt, however, may a reply be tim tory minimum of thirty (30) days expire SIX (6) MONTHS from cation to become ABANDONEI	nely filed s will be considered timely. the mailing date of this commo	unication.			
Status			·					
1)	Responsive to communication(s) filed of	n						
2a)□	•	This action is no	on-final.					
3)□	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Dispositi	ion of Claims							
5)□ 6)⊠ 7)⊠	Claim(s) <u>1-22</u> is/are pending in the application of the above claim(s) is/are with Claim(s) is/are allowed.  Claim(s) <u>1,2,9,11,12,19,21</u> is/are rejected Claim(s) <u>3-8,10,13-18,20,22</u> is/are object Claim(s) are subject to restriction	vithdrawn from cor ed. cted to.						
Applicat	ion Papers							
10)	The specification is objected to by the Ex The drawing(s) filed on is/are: a) Applicant may not request that any objection Replacement drawing sheet(s) including the The oath or declaration is objected to by	accepted or b)  n to the drawing(s) b  correction is require	e held in abeyance. See ed if the drawing(s) is ob	e 37 CFR 1.85(a). jected to. See 37 CFR <sup>2</sup>				
Priority (	under <sup>.</sup> 35 U.S.C. § 119							
a)	Acknowledgment is made of a claim for a All b) Some * c) None of:  1. Certified copies of the priority doc  2. Certified copies of the priority doc  3. Copies of the certified copies of the application from the International See the attached detailed Office action for	cuments have bee cuments have bee he priority docume Bureau (PCT Rule	n received. n received in Applicati ents have been receive e 17.2(a)).	ion No ed in this National Sta	age			
2) Notice 3) Infor	ot(s) Dee of References Cited (PTO-892) Dee of Draftsperson's Patent Drawing Review (PTO- mation Disclosure Statement(s) (PTO-1449 or PTO- Per No(s)/Mail Date		4) Interview Summary Paper No(s)/Mail D 5) Notice of Informal F 6) Other:		52)			

## Claim Rejections - 35 USC 102

Claims 1, 2, 9, 11, 12, and 19 are rejected under 35 USC 102(b) as being anticipated by Hosapple et al (US Pat. 5,392,596)

The claimed gas turbine and related combustor read on prior art turbomachines of the type disclosed by Hosapple. Attention is called to Hosappple's Figure 1, which shows a turbine engine comprising compressor section 16, turbine section 18, and combustor section 20. Attention is additionally called to Figure 2, which shows combustor mounting apparatus having joints formed by balls 182 and 206 in combination with corresponding spherical indents 178 and 202. A spring 208 holds each ball in place and thus establishes a longitudinal joint axis in the direction of spring compression. Each ball and its related indent, moreover, cooperate to define mating convex and concave surfaces having curvature in mutually orthogonal planes and rotational freedom about plural transverse axes as specified by the present claims. Note also that compression of spring 208 will further accommodate translation along the longitudinal axis as required by claims 2 and 12.

Claim 21 is rejected under 35 USC 102(b) as being anticipated by Bunce et al (US Pat. 6,490,868).

The combustor structure recited in claim 21 is sufficiently broad to read on apparatus of the type shown by Bunce. Attenention is called to Bunce's Figure 1; the claimed pin and boss read respectively on elements 80 and 20 connected to combustor 12.

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Element 80 further comprises ball 76 defining a first spherical surface, and element 20

comprises socket 52 defining a second spherical surface mating with the first spherical

surface in the manner claimed.

Allowable Subject Matter

Claims 3-8, 10, 13-18, 20, and 22 contain allowable subject matter but are objec-

ted to as depending from rejected parent claims. If rewritten in independent form, these

claims will be allowed.

Additional References

Rygelis et al is cited as disclosing a further pertinent example of a combustor

mounting assembly having a joint comprising a pair of curved surfaces.

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571-272-4826 (M-F; 7:30-4:00)

703-872-9306 FAX

February 7, 2005

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LOUIS J. CASAREGOLA PRIMARY EXAMINER

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If repeated attempts to reach the examiner by telephone are unsuccessful, the art unit supervisor, Cheryl Tyler, can be reached at 571-272-4834.

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